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# Major Macromolecular Architectures

## **DENDRITIC**

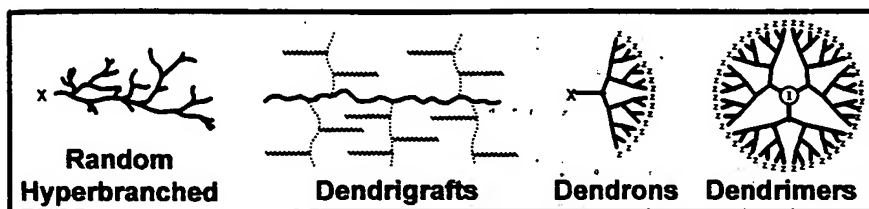
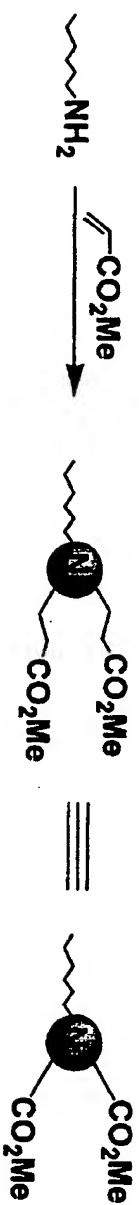


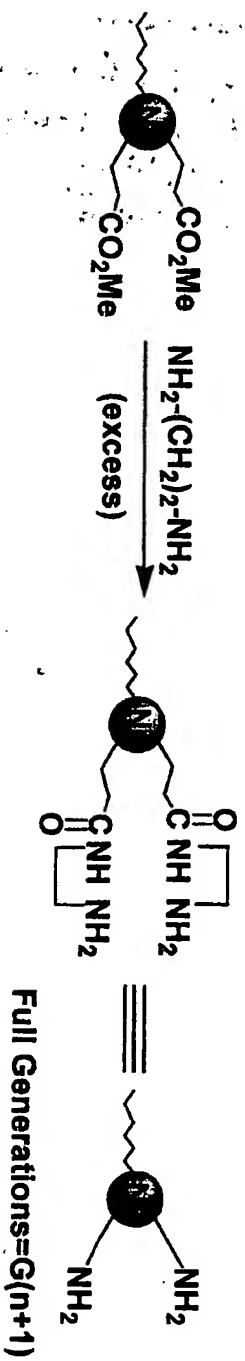
FIG 1

### (a) Alkylation Chemistry (Amplification)



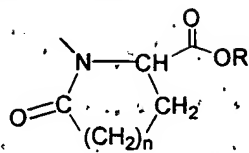
**Half Generations = Gn.5**

## (b) Amidation Chemistry



**Fig. 2**

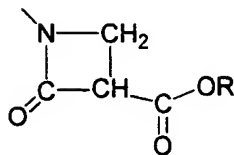
Where Q has the general formula:



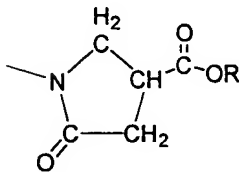
When:

Then Q =

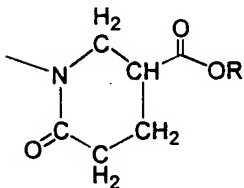
n=0;



n=1;



n=2;



n=3;

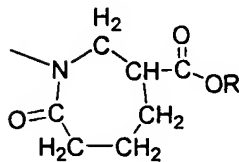


Fig 3

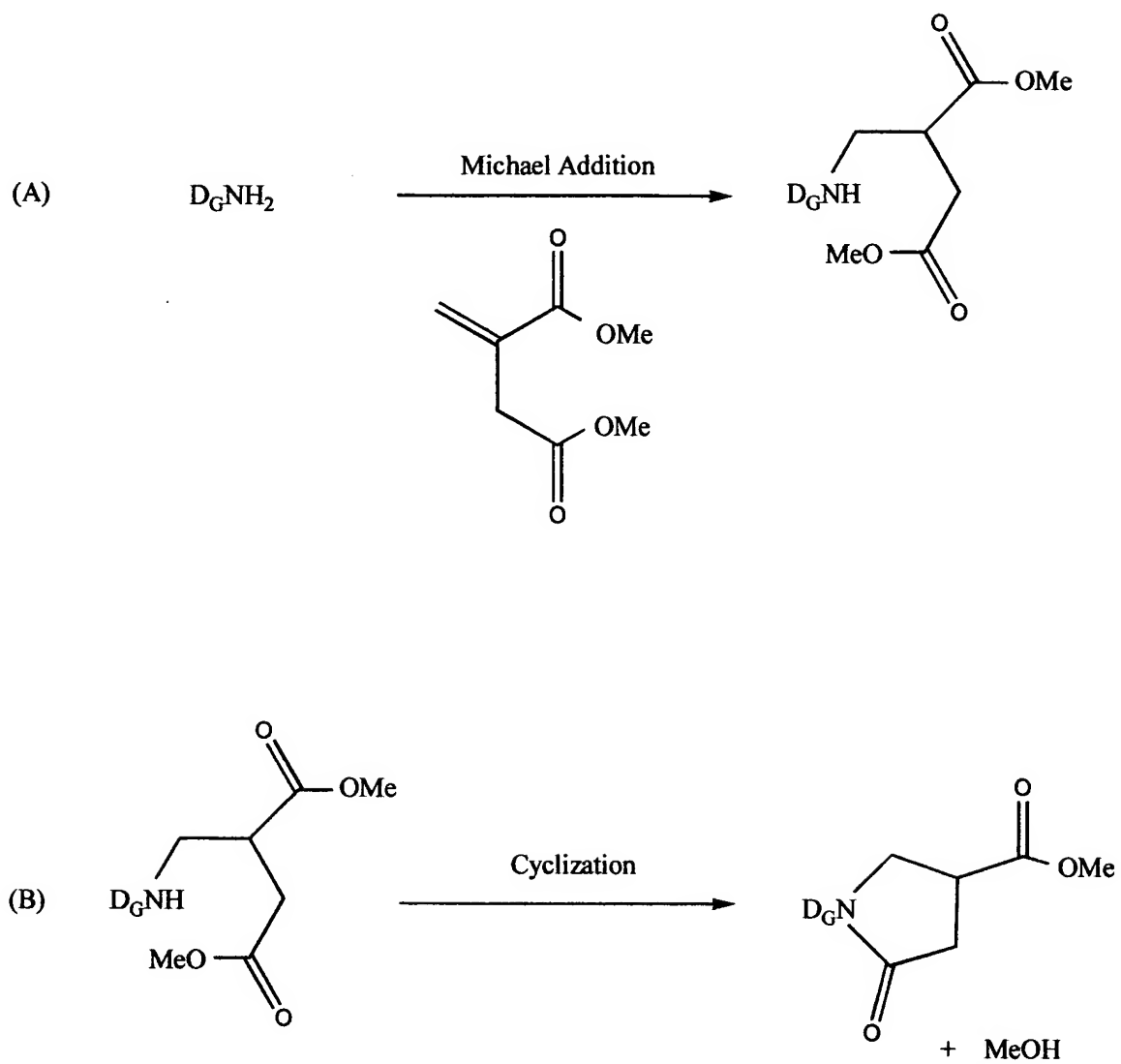


Figure 4

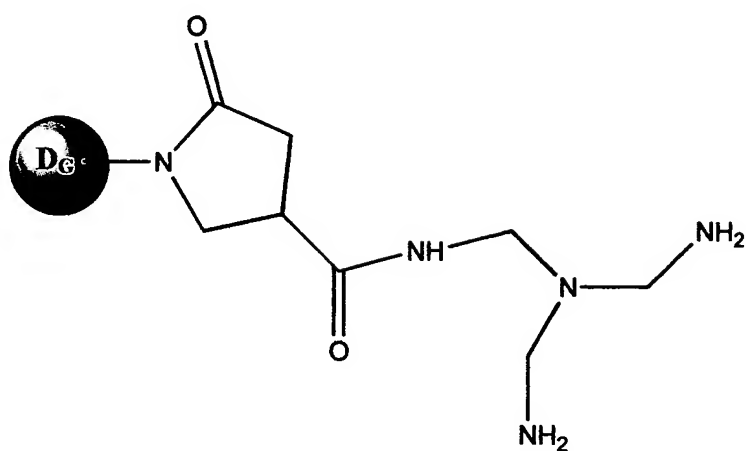
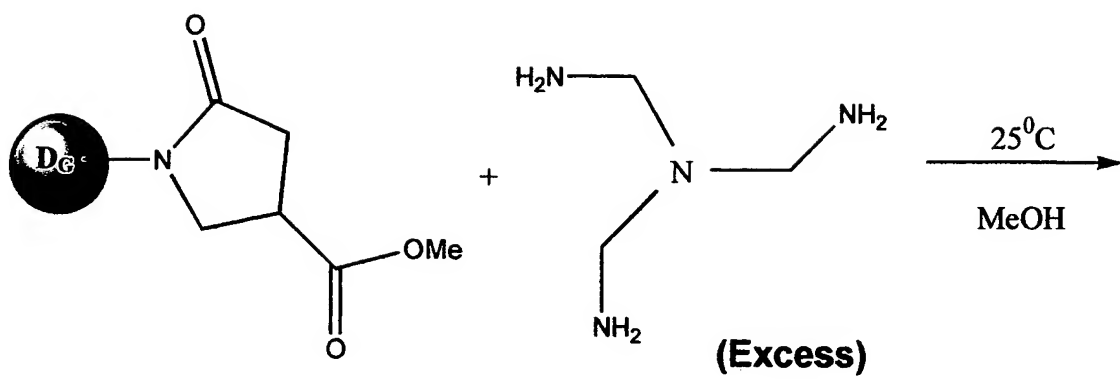
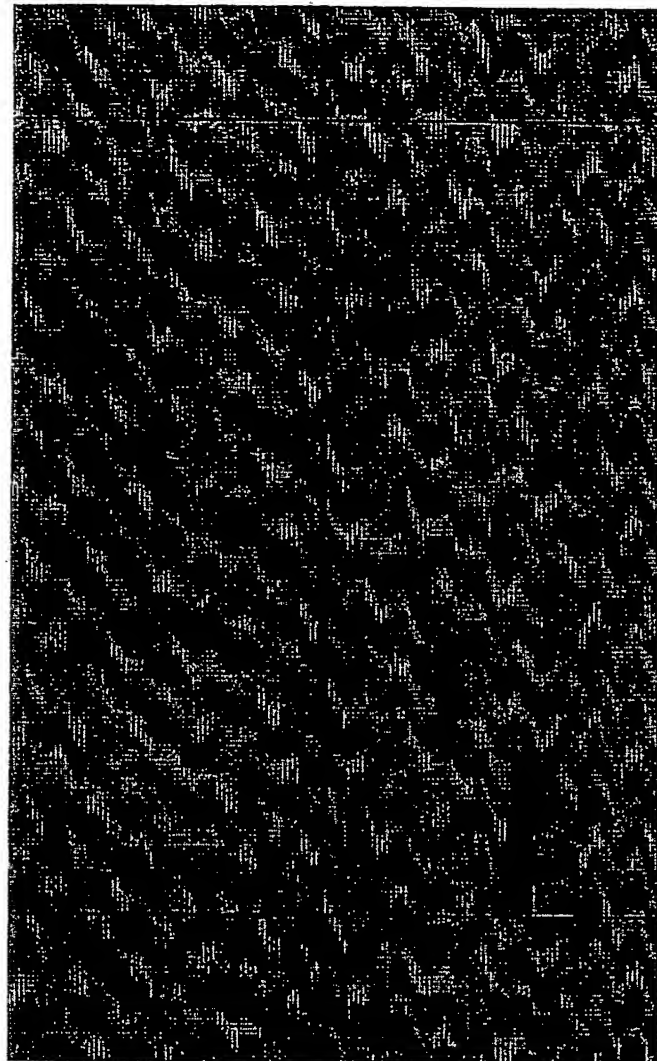


Figure 5

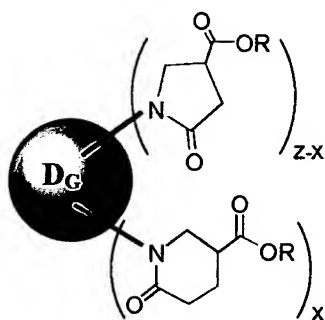
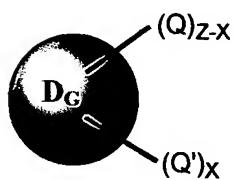
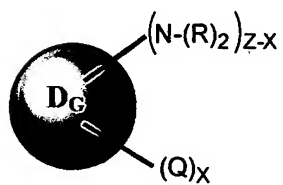
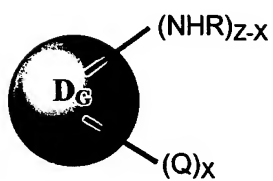
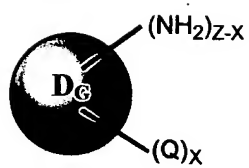


G0 G1 G2 G3 G4 G5

Fig. 6







**Figure 8**